P. G. DALLWIG.

DOLL.

APPLICATION FILED NOV. 18, 1918.

1,413,263. Patented Apr. 18, 1922.

Fig. 1.

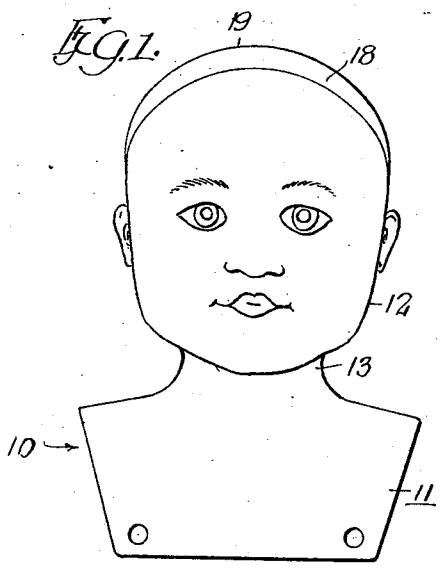


Fig. 2.

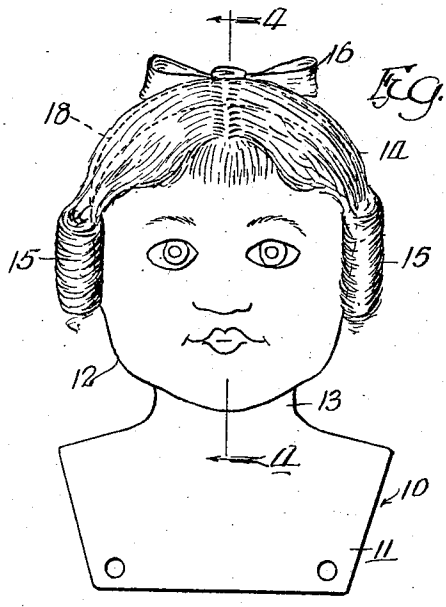


Fig. 6.

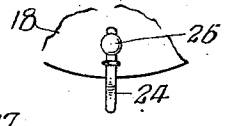


Fig. 3.

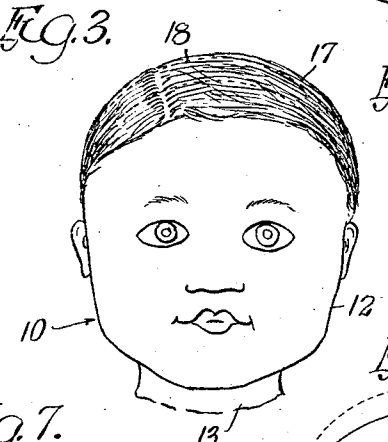


Fig. 4.

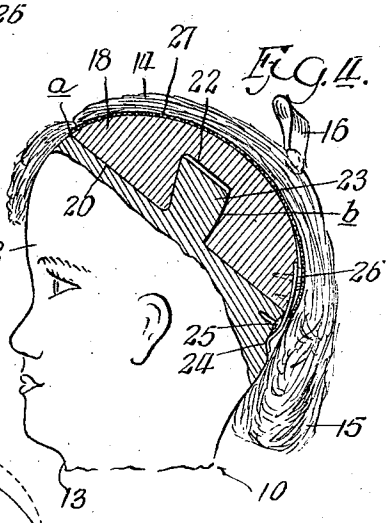


Fig. 5.

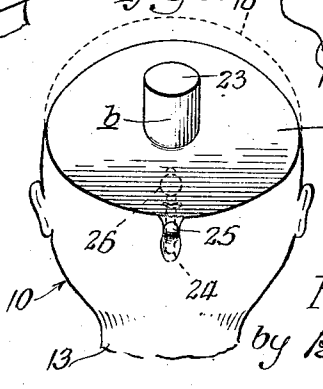
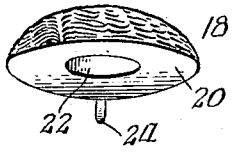


Fig. 7.



Witnesses:
J. N. Hlfuds
C. L. Peoples

Inventor
Paul G. Dallwig.
by Baker Warren Attys

UNITED STATES PATENT OFFICE.

PAUL G. DALLWIG, OF CHICAGO, ILLINOIS.

DOLL.

1,413,263. Specification of Letters Patent. Patented Apr. 18, 1922.

Application filed November 18, 1918. Serial No. 262,981.

To all whom it may concern:

Be it known that I, PAUL G. DALLWIG, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Dolls, of which the following is a specification.

This invention relates to dolls of the type used by children as toys.

Children, as a general rule, are very imaginative and enjoy mostly those toys which are capable of being varied as to general appearance by rearrangement at the hands of the child. For young girls the doll is the most popular toy, despite the fact that the facial expression or countenance of the doll remains unchanged at all times and no matter how the doll may be dressed. Such children also enjoy making clothes for and dressing their dolls in garments of various styles, shades, and patterns, and the object of my invention is to provide a doll with a set of detachable and interchangeable wigs having varied styles of hair-dress so that the fixed facial expression or countenance of the doll has the appearance of being changed by the application of the wigs. In other words, with my invention it is possible for the child at pleasure to change the general appearance of a doll from a girl to a boy or from an infant to an adult, or from one character to another, by the application to the head of the doll of the wig imitating the hair-dress of the character which the child wishes to display. With my invention it is obvious that a single doll provided with a plurality of detachable and interchangeable wigs may afford unlimited amusement to a child and furthermore aid in educating the child, in that it is possible to change the general appearance of a single doll to represent various nationalities and periods in history with the use of appropriate wigs and dress.

The invention consists further in the matters hereinafter described and more particularly pointed out in the appended claims.

In the accompanying drawings—

Figure 1 is a front elevational view of the head of a doll embodying the features of my invention and showing the separable top piece or crown of the head devoid of a wig or imitation thereof;

Figure 2 is a like view of the same head with the separable crown or top piece thereof provided with a girl's wig;

Figure 3 is a like view of the same head with the separable crown or top piece thereof provided with a boy's wig;

Figure 4 is a vertical sectional view, with parts in elevation, taken on line 4—4 of Figure 2;

Figure 5 is a rear view of said head with the separable crown or top piece removed, but indicated in dotted lines;

Figure 6 is a fragmentary elevational view of said crown or top piece and showing the resilient latch at the back or rear thereof; and

Figure 7 is a perspective view of said crown or top piece removed from the head and having an imitation of a boy's wig painted or carved thereon.

In the drawings, I have shown a doll's head 10 of the type made of rigid material, such as wood, bisque, or the like, and, as illustrated, said head 10 comprises a base portion 11 of a shape to fit over the rounded top part and shoulders of a stuffed body of a doll and being secured thereto in any desirable manner. Above said base 11 is the head portion 12, joined to said base by a neck portion 13. The head portion 12 has the shape of a child's head, and is provided with a face representing the facial expression of a child. The facial expression in the instance illustrated is the conventional type of expression usually employed in the making of dolls, and is provided with eyes, nose, and mouth and other parts required. With the head 10 shown in Fig. 1, it is the object of my invention to provide a set of wigs, any one of which may be applied to the head 10 and detachably connected therewith so that all of the wigs of the set are interchangeable with said head. In Fig. 2, I have shown the same head 10 provided with a wig 14 forming one of the wigs of the set supplied with the head. As shown, said wig 14 is of a type imitating closely the manner in which the hair of a girl of tender years is usually combed and arranged. That is, the so-called "hair" of the wig is long and provided with a number of long curls 15, as usually worn by children of the type depicted by the wig 14. As illustrated, a ribbon 16 is tied to the hair of the wig in the shape

of a bow, but the ribbon may be omitted if desired, or the child possessing the doll may attach the ribbon to the wig, at pleasure. In addition to the ribbon 16, the child may apply to the wig any additional part or ornament that may appeal to its fancy.

In Fig. 3, I have illustrated the same head 10, and applied thereto is a boy's wig 17, which has the effect of changing the doll from a girl to a boy. As shown, said wig 17 has the hair thereof arranged in a manner imitating the way in which the hair of a boy is customarily cut and combed. The face of the doll's head proper of course remains unchanged, but by changing the wigs in the manner suggested, the effect noticed is produced.

For detachably connecting each wig with the head 10, I have shown in the drawings a form of construction by which that may be accomplished. As illustrated, the head 12 is provided with a crown portion or top piece 18, which when applied in proper position to the head 12 completes the same. Said top piece 18 has its upper or top surface 19 curved or crown shaped to conform to the curvature required for the crown of said head 12. Said crown piece 18 is made solid, as shown in Fig. 4, and has its lower or bottom face 20 made flat so as to seat or bear against a complementary flat surface 21 forming the upper face of the head portion 12, as shown in Figs. 4 and 5. Such surface 21 is above the eyes and ears of the head portion 12, and is given substantially the inclination shown in the drawings. Said crown piece 18 is provided with a socket or recess 22, preferably circular in shape and opening outwardly through the lower face 20 of said crown piece, and into which enters a projection or plug 23 made integral or otherwise rigidly connected with the head portion 12. Said plug 23 projects upward above the top surface 21, and is made cylindrical in shape so as to easily enter said socket 22. The base of said plug 23 is arranged substantially concentric with the circular surface 21, but projects upward therefrom at such an angle that in removing the crown piece 18 from the head of the doll, said crown piece pivots about a point *a* at the front edge of said upper surface 21. Such being the case, the rear surface *b* of said plug 23 is curved longitudinally or up and down to conform to the movement of the crown piece in pivoting about said point *a*. The walls of the socket 22 are likewise curved so that the parts will not bind in removing the crown piece from the head portion 12. To retain said crown piece 18 on the head portion 12 when properly applied thereto, I provide a latch member 24 preferably made from a strip of resilient metal and being secured to the crown piece 18 at the rear thereof. Said latch member 24 extends downward below the crown piece and snaps beneath a downwardly facing shoulder 25 provided at the back of the head portion 12. Said shoulder 25 may be made in any suitable manner, either as an integral part of the head portion 12 or by a headed metal member driven into the head portion 12, as shown in the drawings. The lower end of said latch member 24 is curved inward so as to more readily snap beneath said shoulder 25.

To facilitate removing the crown piece 18, there is provided adjacent the upper end of the latch member 24 a button or like outward projection 26, adapted to have the thumb or finger of the hand of the child, in removing said crown piece 18, engaged beneath the same. Said button 26 may also be made of metal and be driven into the crown piece 18 for securing the same thereto. By arranging the socket 22 and plug 23 at the angle shown and by the use of the latch member 24, the crown piece 18 is held firmly on the head portion 12 and is prevented from dropping off of the head should the doll be handled roughly or be inverted or held upside down, as is likely to occur when in the hands of a child.

As shown in Fig. 1, said crown piece 18 is devoid of a wig or imitation thereof, and is preferably painted or otherwise colored to represent a bald head, so that when applied to the head portion 12 it will have the effect of giving the doll's head the appearance of a very young infant. This will be further marked when the doll is dressed in infant's long clothes. With the set of wigs for each doll, one of such crown pieces 18 may be supplied. In Figs. 2, 3, and 4, the girl's wig 14 has an inner lining or fabric portion 27, to which the hair of the wig is secured. Said wig 14 is applied over the top or curved surface of a crown piece and secured thereto by an adhesive or other means. In Fig. 3, the boy's wig 17 is likewise applied and secured to a crown piece 18. It is to be of course understood that the crown pieces 18 are made alike, and there is a crown piece for each wig of the set, and further that, when a wig is removed from the doll's head, the crown piece of the wig is removed with the same as a part thereof. While I have shown two types of wigs 14 and 17, it is to be understood that each doll equipped with my invention may be supplied with a plurality of wigs, each secured to a crown piece 18, and all will have the same features of construction, except that the hair-dress of the wigs will be different, so that the single doll may be changed by the use of the wigs to represent different characters by applying appropriate wigs thereto. In Fig. 7, I have shown a crown piece 18, the curved or top surface of which may be painted or carved

to imitate a wig, in the example shown, a boy's wig, and a set of wigs so made may be supplied with a doll.

It is apparent from the foregoing that the child possessing the doll, by the means of a plurality of detachable and interchangeable wigs, may change the general appearance of one doll a considerable number of times, even with one wig. For instance, with the girl's wig 14, as shown in Fig. 2, the dress of the doll may be changed to imitate the dress of different nationalities, as well as styles, or I may provide with the set of wigs a wig for each nationality, as well as a wig for each of several characters of history or otherwise, that is, a wig in imitation of the conventional type of hair-dress distinctive of the particular nationality or character to be represented. In the same way, with the boy's wig 17 the dress of the doll may be changed to meet the fancy of the child. It is apparent that with my invention the imaginative and creative powers of the child are strongly appealed to and the child permitted to gain great amusement and enjoyment out of a single doll provided with a set or plurality of wigs.

While I have shown in the drawings and described herein a doll's head of the type illustrated, yet it is to be of course understood that the head may be of any other type. Moreover, while I have shown in the drawings a doll's head having a face of the type depicting an infant, yet it is to be of course understood that my invention could be readily applied to the head of a figure having a more mature face. The manner of detachably connecting the wig to the head as shown and described of course may be variously changed and modified without departing from the spirit and scope of my invention.

In the specification and claims I have used the expression "doll's head," and by that I mean the head of any artificial figure to which my invention may be applied, and by the use of the term "wig" I mean any kind of wig which may be used, whether a wig provided with real hair or an imitation thereof, or a carved or painted wig, as shown in Fig. 7. It is to be further noted that with the kind of wig shown in Figs. 2, 3, and 4, the crown piece 18 used therewith serves to fill the wig and hold it distended at all times.

I claim as my invention:

1. A doll's head adapted to receive interchangeable wig tops, said head having an upwardly facing seat, a wig top having a downwardly facing surface engaging said seat when the wig top is applied to said head, means for guiding the wig top on said seat, and coacting means carried by said wig top and head for fastening the wig top on the head, said fastening means being readily released by grasping the wig top and removing it from said head.

2. A doll's head adapted to receive interchangeable wig tops, said head having a substantially flat upwardly facing seat inclined downwardly and rearwardly from the front of the head, a wig top having a complementary downwardly facing surface engaging said seat when the wig top is applied to said head, means for guiding the wig top on said seat, and coacting means carried by said wig top and head for fastening the wig top on the head, said fastening means being readily released by grasping the wig top and removing it from said head.

3. A doll's head having the upper portion thereof cut away to provide an upwardly facing seat, a top or crown portion completing the head when applied thereto and having a downwardly facing surface engaging said seat, means for guiding the top portion on said seat, and coacting means carried by said top portion and head for fastening the former to the latter, said fastening means being readily released by grasping the top portion and removing it from said head.

4. A crown or top portion for a doll's head, comprising a body portion having the upper surface thereof substantially smooth and curved to conform to the curvature of the top surface of a doll's head, the bottom surface of said body portion being substantially flat and said body provided with a plug receiving socket opening through the bottom surface thereof, and a resilient fastening member carried by said body portion.

5. A doll's head made in two separable parts, one of said parts forming the top or crown portion of said head, and means for removably connecting said crown or top portion with the remaining part of said head, including a plug secured to one of said parts for entering a socket in the other of said parts, and a fastening member on one of said parts for engaging the other of the same.

6. A doll's head made in two separable parts, one of said parts forming the crown or top portion of said head, and means for detachably connecting said crown or top part with the remaining part of said head, comprising a plug secured to one of said parts for entering a socket in the other of said parts, and a resilient latch member engaging both of said parts and carried by one of the same.

7. A doll's head made in two separable parts, one of said parts forming the crown or top portion of said head, and means for detachably connecting said crown or top part with the remaining portion of said

head, comprising an upright plug secured to the latter for entering a socket in the former, and a fastening member on one of said parts for engaging the other of said parts.

8. A doll's head made in two separable parts, one of said parts forming the crown or top portion of said head, the latter having the upper surface thereof made complementary to the lower surface of said crown portion so that said parts may fit one against the other, said contacting surfaces being arranged transverse to the face of said head and at an inclination thereto, a plug secured to and projecting upward from the upper surface of said head portion, said crown portion being provided with a socket opening downward through the lower surface thereof and adapted to receive said plug, and fastening means for removably connecting said crown portion with the remaining part of said head.

In testimony that I claim the foregoing as my invention, I affix my signature in the presence of two witnesses, this 15th day of November, A. D. 1918.

PAUL G. DALLWIG.

Witnesses:

GEORGE M. CLENDENIN,

CLARA L. PEOPLES.